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PTO/SB/05 (11-00)

Approved for use through 10/31/2002 OMB 0651-0032

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	75978/11032
First Inventor	Grace Sze Man Chan
Title	Improved Electrophoresis Gels
Express Mail Label No.	EL379158301US

3 116701

## APPLICATION ELEMENTS

*See MPEP chapter 600 concerning utility patent application contents.*

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- |   |   |
|---|---|
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br/><i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <span style="border: 1px solid black; padding: 2px;">20</span>] <br/><i>(preferred arrangement set forth below)</i></p> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings <i>(if filed)</i></li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [ Total Sheets <span style="border: 1px solid black; padding: 2px;">4</span> ]</p> <p>5. Oath or Declaration [ Total Pages <span style="border: 1px solid black; padding: 2px;">24</span> ]</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)<br/>Copy from a prior application (37 CFR 1.63 (d))<br/><i>(for continuation/divisional with Box 18 completed)</i></p> <p>b. <input type="checkbox"/> <b><u>DELETION OF INVENTOR(S)</u></b><br/>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission<br/><i>(if applicable, all necessary)</i></p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on:</p> <p style="margin-left: 20px;">i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p style="margin-left: 20px;">ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p> |
| <h3>ACCOMPANYING APPLICATION PARTS</h3>   |   |
| <p>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))<br/>37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney</p> <p>10. <input type="checkbox"/> (when there is an assignee) <input type="checkbox"/> Attorney</p> <p>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br/><i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br/><i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other: .....</p>  |   |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Divisional     Continuation-in-part (CIP)    of prior application No.: \_\_\_\_\_ / \_\_\_\_\_  
for application information: \_\_\_\_\_ Examiner: \_\_\_\_\_ Group Ad Unit: \_\_\_\_\_

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been included in the submitted application parts.

19. CORR REINTERVIEW PROCESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	<b>23380</b>	or <input checked="" type="checkbox"/> Correspondence address below			
(Insert Customer No. or Address here)					
Name	Susan L. Mizer PATENT TRADEMARK OFFICE				
Address	ARTER & HADDEN LLP				
	925 Euclid Avenue, Suite 1100 Huntington Bldg.				
City	Cleveland	State	OH	Zip Code	44115
Country	USA	Telephone	(216) 696-3466	Fax	(216) 696-2645

Name (Print/Type)	Susan L. Mizer	Registration No. (Attorney/Agent)	38,245
Signature		Date	2/14/2001

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

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Repln. Ref: 02/26/2001 DTESSMEM1 0009594300  
DA#500902 Name/Number:09785761  
FC: 704 \$40.00 CR

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# FEE TRANSMITTAL

## for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$)

413.00

## Complete if Known

Application Number	N/A
Filing Date	
First Named Inventor	Grace Sze Man CHAN
Examiner Name	N/A
Group Art Unit	N/A
Attorney Docket No.	75978/11032

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

50-0902

Deposit Account Name  
ARTER & HADDEN LLP

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- Applicant claims small entity status See 37 CFR 1.27

2.  Payment Enclosed:

- Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	
101	710	201	355 Utility filing fee	\$355.00
106	320	206	160 Design filing fee	
107	490	207	245 Plant filing fee	
108	710	208	355 Reissue filing fee	
114	150	214	75 Provisional filing fee	
<b>SUBTOTAL (1) (\$)</b>				
			355.00	

## 2. EXTRA CLAIM FEES

Total Claims	22	-20** =	2	X	\$9.00	=	\$18.00
Independent Claims	4	- 3** =	1	X	\$40.00	=	\$40.00
Multiple Dependent							\$0.00

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	
103	18	203	9 Claims in excess of 20
102	80	202	40 Independent claims in excess of 3
104	270	204	135 Multiple dependent claim, if not paid
109	80	209	40 ** Reissue independent claims over original patent
110	18	210	9 ** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2) (\$)</b>			
			58.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	390	216	195 Extension for reply within second month	
117	890	217	445 Extension for reply within third month	
118	1,390	218	695 Extension for reply within fourth month	
128	1,890	228	945 Extension for reply within fifth month	
119	310	219	155 Notice of Appeal	
120	310	220	155 Filing a brief in support of an appeal	
121	270	221	135 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,240	241	620 Petition to revive - unintentional	
142	1,240	242	620 Utility issue fee (or reissue)	
143	440	243	220 Design issue fee	
144	600	244	300 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	710	246	355 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355 For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	
Other fee (specify) _____				

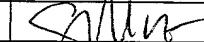
\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

\$0.00

Complete if Known

## SUBMITTED BY

Name (Print/Type)	Susan L. Mizer	Registration No. (Attorney/Agent)	38,245	Telephone	(216) 696-3466
Signature				Date	02/16/2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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**CERTIFICATION UNDER 37 C.F.R. 1.10\***

*(Express Mail label number is mandatory.)*  
*(Express Mail certification is optional.)*

I hereby certify that this New Patent Application Transmittal and the documents referred to as attached therein are being deposited with the United States Postal Service on this date February 16, 2001 an envelope as "Express Mail Post Office to Addressee," mailing Label Number EL379158301US, addressed to the: Assistant Commissioner for Patents, Washington, DC 20231.

Vanessa J. Byers

**Signature of person mailing paper**

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